



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,890	03/23/2004	Allan Havemose	P1639US01	2390
32709	7590	09/21/2007	EXAMINER	
Gateway Inc Patent Attorney PO Box 2000 N. Sioux City, SD 57049			BULLOCK JR, LEWIS ALEXANDER	
			ART UNIT	PAPER NUMBER
			2195	
			MAIL DATE	DELIVERY MODE
			09/21/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

Application No.

10/806,890

Applicant(s)

HAVEMOSE, ALLAN

Examiner

Lewis A. Bullock, Jr.

Art Unit

2195

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Double Patenting*

1. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

2. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-23 of U.S. Patent No. 6,832,377.

Although the conflicting claims are not identical, they are not patentably distinct from each other because the cited claims are similar to those of the patents except the patent claims detail that the retrieval of information is through a dynamic base object and a interface dynamic base object.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Art Unit: 2195

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 8-11 and 15-18 are rejected under 35 U.S.C. 102(b) as being anticipated by hyperDRIVE: Leveraging LDAP to Implement RBAC on the Web” by BARTZ.

As to claim 8, BARTZ teaches a method for accessing contents of a resource (invoking a business service) by a user (client), comprising: accessing a resource which requires registration by a user (via the business data services verify that the user is authorized to run the service by communicating with the LDAP server to get the user's authentication information) (see fig. 2; pg. 72 first and second column); when the resource supports universal registration and the user is universally registered, obtaining registration information from a registration dynamic object (LDAP server / directory server) (via the business data services verify that the user is authorized to run the service by communicating with the LDAP server to get the user's authentication information) (see fig. 2; pg. 72 first and second column); and allowing the user to access contents of the resource(via through the hyperDRIVE Guide applet, the customer invokes an operation such that the web server uses its ORB to contact the LDAP server to determine whether the customer's authenticated identified (distinguished name) matches the one provided to allow the user to use the resource) (see fig. 2; pg. 72 first and second column).

As to claim 9, BARTZ teaches when the resource fails to support universal registration and the user utilizes a registration dynamic base object, registering the user

Art Unit: 2195

by the registration dynamic base object per pre-registered user data (via the user sends its distinguished name to the business service such that it verifies the user has access by comparing it to the one stored on the LDAP server wherein the act of authorization and authentication are separate activities, thus they occur at different times, SEE PG. 70, 4th – 6th paragraphs). The cited teachings of BARTZ, inherently teach allowing the registration to occur after the requesting access and dynamically change how the resources are protected (pg. 70, second column, behavioral summary).

As to claim 10, BARTZ teaches when the resource supports universal registration and the user is not universally registered, entering registration information by the user (via the web client authenticating with the web server / LDAP server in order access various business services) (see fig. 2; pg. 72 first and second column).

As to claim 11, BARTZ teaches the registration information includes a name (via the web client authenticating with the web server / LDAP server in order access various business services) (see fig. 2; pg. 72 first and second column). It is inherent that in order to authenticate with a server, the client has to send its name.

As to claims 15-18, reference is made to a computer readable medium that corresponds to the method of claims 8-11 and is therefore met by the rejection of claims 8-11 above.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-7 and 12-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over hyperDRIVE: Leveraging LDAP to Implement RBAC on the Web” by BARTZ.

As to claim 1, BARTZ teaches a method for providing universal registration, comprising: providing user registration information of a user to a universal registration resource (via the web client authenticating with the web server / LDAP server in order access various business services) (see fig. 2; pg. 72 first and second column), the user registration information (distinguished name / user authentication information) accessible by providers of resources (via the business data services verify that the user is authorized to run the service by communicating with the LDAP server to get the user's authentication information) (see fig. 2; pg. 72 first and second column); and requesting use of a provider resource which requires the user registration information, wherein the provider resource automatically retrieves the user registration information from the universal registration resource to enable the user to access the provider resource (via through the hyperDRIVE Guide applet, the customer invokes an operation such that the web server uses its ORB to contact the LDAP server to determine whether

Art Unit: 2195

the customer's authenticated identified (distinguished name) matches the one provided to allow the user to use the resource) (see fig. 2; pg. 72 first and second column).

However, BARTZ does not teach that the network is an information appliance network.

Official Notice is taken in that such a network is well known in the art, and since BARTZ

teaches that the invention is implemented in Java for its "write once, run anywhere"

quality it would be obvious to one of ordinary skill in the art that the invention is

applicable to an information appliance network since the code can run anywhere.

As to claims 2-6, BARTZ teaches the user registration information is contained in a program object (via the role objects / DN (object describing people) being stored in the LDAP server which is a directory (see pg 70, Behavioral Summary and pg. 72 first and second columns). The cited reference does not detail that the name or object is in a string naming convention, however, Official Notice is taken in that object names, distinguished names are in a string naming convention that details the location of the object, the object name, and a method of the object and therefore it would be obvious that the distinguished names or other authentication information provided is in this format to be compared with the business services retrieved authentication information for the user to see if the user is permitted to access the service.

As to claim 7, BARTZ teaches the registration information includes a name (via the web client authenticating with the web server / LDAP server in order access various

business services) (see fig. 2; pg. 72 first and second column). It is inherent that in order to authenticate with a server, the client has to send its name.

As to claims 12 and 13, BARTZ teaches a system for universal registration comprising: a digital information server for sending a registration interface dynamic base object (authenticated distinguished name reference to the LDAP directory object) (see fig. 2; pg. 72 first and second columns; in particular item 1); a universal register (LDAP server) for hosting a registration implementation dynamic base object (role objects), the registration implementation dynamic base object corresponding to the registration interface dynamic base object (see fig. 2; pg. 72 first and second column, in particular item 9); a resource (server), communicatively coupled to the digital information server and the universal register via a network, requiring user registration (via through the hyperDRIVE Guide applet, the customer invokes an operation such that the web server uses its ORB to contact the LDAP server to determine whether the customer's authenticated identified (distinguished name) matches the one provided to allow the user to use the resource) (see fig. 2; pg. 72 first and second column); and wherein using the registration implementation dynamic base object (role objects) to provide user registration information, a user of the digital information server gains access to contents of the resource (via through the hyperDRIVE Guide applet, the customer invokes an operation such that the web server uses its ORB to contact the LDAP server to determine whether the customer's authenticated identified (distinguished name) matches the one provided to allow the user to use the resource)



Art Unit: 2195

(see fig. 2; pg. 72 first and second column). However, BARTZ does not teach that the network is an information appliance network. Official Notice is taken in that such a network is well known in the art, and since BARTZ teaches that the invention is implemented in Java for its "write once, run anywhere" quality it would be obvious to one of ordinary skill in the art that the invention is applicable to an information appliance network since the code can run anywhere.

As to claim 14, BARTZ teaches the registration information includes a name (via the web client authenticating with the web server / LDAP server in order access various business services) (see fig. 2; pg. 72 first and second column). It is inherent that in order to authenticate with a server, the client has to send its name.

### ***Conclusion***

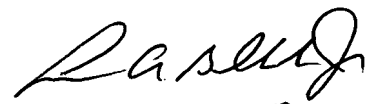
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lewis A. Bullock, Jr. whose telephone number is (571) 272-3759. The examiner can normally be reached on Monday-Friday, 8:30 a.m. - 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2195

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

September 17, 2007

  
LEWIS A. BULLOCK, JR.  
PRIMARY EXAMINER